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### TEST DETAILS

<b>TEST DATE:</b>	3/11/2016	<b>MARKSMAN:</b>	F.Mokoena
<b>CONTRACTOR:</b>	HUNTOOL - LIQUID BULLET	<b>RECORDER:</b>	E. Murphy
<b>TEST FACILITY:</b>	Ballistic Body Armour	<b>TEST SETUP:</b>	F. Mokoena
		<b>TEST No:</b>	TE10038a

### TEST PARAMETERS

<b>TEST PROCEDURE :</b>	SANS 1658 (2006)
<b>TEST STANDARD:</b>	Customer specified 3 shots with 7.62 x 39
<b>TEST PASS CRITERIA :</b>	Customer specified 3 stops against 7.62 x 39 at 710 m/sec or greater with less than 44mm trauma.

### BACKING MATERIAL

<b>MATERIAL:</b>	Plastiscene as per NIJ0101.04
<b>LAST DENSITY CALIBRATION:</b>	03 June 2016
<b>NEXT DENSITY CALIBRATION DUE:</b>	03 June 2017
<b>PRE TEST DROP RESULTS:</b>	19mm - 21mm -20 mm -19 mm - 19 mm Average = 19.6 mm

### PROJECTILE AND WEAPON

<b>WEAPON:</b>	Musgrave 7.62 test barrel
<b>TEST BARRELS:</b>	610mm 7.62 test barrel
<b>PROJECTILE TYPE:</b>	7.62 x 39 FMJ (Mild Steel Core) 123grain
<b>CASE and POWDER :</b>	.308 Winchester Somchem S335

### MEASURING EQUIPMENT

<b>CHRONOGRAPH:</b>	Ohler Reseach Model 35P Proof Chronograph		
<b>LAST CALIBRATION:</b>	30 May 2016	<b>NEXT CALIBRATION DUE:</b>	30 May 2017

### RANGE DETAILS

<b>TEMPERATURE ON RANGE:</b>	26.85 °C	<b>HUMIDITY ON RANGE:</b>	54.5 %
<b>SAMPLE DISTANCE FROM MUZZLE:</b>	10 metres		

### TEST SAMPLE DETAILS

<b>LOT/SERIAL No:</b>		<b>BATCH No:</b>	
<b>MOUNTING DETAIL:</b>	On Plastiscene as per SANS 1658 (2006)		
<b>TEST SAMPLE BRAND NAME:</b>	Model 400A		
<b>TEST SAMPLE COMPOSITION:</b>	Proprietary to Hun Tool – Liquid Bullet		

### TEST RESULTS

ROUND	PROJECTILE	WEIGHT	TYPE	VELOCITY	RESULT	TRAUMA
1	7.62 x 39	123gr	FMJ(MSC)	757m/sec	STOP	See Note 2
2	7.62 x 39	123gr	FMJ(MSC)	750m/sec	STOP	See Note 2
3	7.62 x 39	123gr	FMJ(MSC)	758m/sec	STOP	See Note 2
4						
5						
6						

- NOTES: 1. THE SAMPLE COMPLIES**  
**2. No trauma greater than 15mm was observed.**

	<b>SIGNATURE</b>
F. Mokoena	<i>F. Mokoena</i>
E. Murphy	<i>E. Murphy</i>



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### TEST DETAILS

TEST DATE:	3/11/2016	MARKSMAN:	F.Mokoena
CONTRACTOR:	HUNTOOL - LIQUID BULLET	RECORDER:	E. Murphy
TEST FACILITY:	Ballistic Body Armour	TEST SETUP:	F. Mokoena
		TEST No:	TE10038

### TEST PARAMETERS

TEST PROCEDURE :	SANS 1658 (2006)
TEST STANDARD:	Customer specified 4 shots with 7.62 x 39 bullet with 1 shot at 30° angle
TEST PASS CRITERIA :	Customer specified 4 stops against 7.62 x 39 at 710 m/sec or greater with less than 44mm trauma.

### BACKING MATERIAL

MATERIAL:	Plastiscene as per NIJ0101.04
LAST DENSITY CALIBRATION:	03 June 2016
NEXT DENSITY CALIBRATION DUE:	03 June 2017
PRE TEST DROP RESULTS:	19mm - 21mm -20 mm -19 mm - 19 mm Average = 19.6 mm

### PROJECTILE AND WEAPON

WEAPON:	Musgrave 7.62 test barrel
TEST BARRELS:	610mm 7.62 test barrel
PROJECTILE TYPE:	7.62 x 39 FMJ (Mild Steel Core) 123grain
CASE and POWDER :	.308 Winchester Somchem S335

### MEASURING EQUIPMENT

CHRONOGRAPH:	Ohler Reseach Model 35P Proof Chronograph		
LAST CALIBRATION:	30 May 2016	NEXT CALIBRATION DUE:	30 May 2017

### RANGE DETAILS

TEMPERATURE ON RANGE:	26.85 °C	HUMIDITY ON RANGE:	54.5 %
SAMPLE DISTANCE FROM MUZZLE:	10 metres		

### TEST SAMPLE DETAILS

LOT/SERIAL No:		BATCH No:	
MOUNTING DETAIL:	On Plastiscene as per SANS 1658 (2006)		
TEST SAMPLE BRAND NAME:	Model 400		
TEST SAMPLE COMPOSITION:	Proprietary to Hun Tool – Liquid Bullet		

### TEST RESULTS

ROUND	PROJECTILE	WEIGHT	TYPE	VELOCITY	RESULT	TRAUMA
1	7.62 x 39	123gr	FMJ(MSC)	712m/sec	STOP	See Note 2
2	7.62 x 39	123gr	FMJ(MSC)	720m/sec	STOP	See Note 2
3	7.62 x 39	123gr	FMJ(MSC)	727m/sec	STOP	See Note 2
4 (30°)	7.62 x 39	123gr	FMJ(MSC)	757m/sec	STOP	See Note 2
5				m/sec		
6				m/sec		

- NOTES: 1. THE SAMPLE COMPLIES  
 2. No trauma greater than 15mm was observed.

	SIGNATURE
F. Mokoena	
E. Murphy	